There are three types of risk occurrence in software engineering. These are:

* **Product Risk**

Product risk becomes a major threat when there is a lack of requirements, the product is complex. And, also, when there is a constant challenge to meet the demand of the end functionality. Or, to meet the needs of potential users. And, this includes meeting the expectations of the product stakeholders.

* **Project Risk**

Project risk is based mostly on external issues. These enlist contract signing, delays on both sides, and personal problems. To add, there might be constraints that are not related to work and other similar issues.

* **Process Risk**

What can be at risk in a software development process? Mainly, planning, management issues, inaccurate project estimates, and delays. Ans, also, deadlines that cannot be changed, miscomprehension of project complexity, and other important things.

**Why might You Need Risk-Based Testing?**

You might consider a risk-based testing strategy